

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8274	(372/43.01,44.01-50.23). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:51
L2	167	(absorb near4 active near3 layer) and L1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/03 12:51
L3	9	laser and (multi near2 layer near2 reflective near2 film) and I1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:57
L4	19	(nitride near3 laser) and (nitride near3 substrate) and (active near2 layer) and (waveguide) and (end near3 surface near3 film) and I1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/03 12:57
L5	1	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (luminescent near2 radiation near3 region) and I1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:57
L6	20	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (absorb near4 active near3 layer) and I1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/03 12:58
L7	1	((nitride near3 substrate) and (protective near2 film) and (rear near2 side) and (absorbs near2 light near4 active)).clm. and I1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/06/03 13:00
S1	1	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (luminescent near2 radiation near3 region)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/23 13:58

S2	3	(( "4,607,368" ) or ("5,247,536" ) or ("20020024981" ) ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/22 16:36
S3	1	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (luminescent near3 radiation) and ((reflect\$3 or protective) near2 film)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/22 16:40
S4	26	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (absorb near4 active near3 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/24 12:16
S5	1	("6576930" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/23 13:59
S6	28	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (end near3 surface near3 film)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/24 09:01
S7	27	(nitride near3 laser) and (nitride near3 substrate) and (active near2 layer) and (waveguide) and (end near3 surface near3 film)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/24 12:15
S8	14300	(372/39-68).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/24 12:16
S9	18	(nitride near3 laser) and substrate and (active near2 layer) and (waveguide) and (absorb near4 active near3 layer) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 07:23
S10	14300	(372/39-68).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/07/25 07:23
S11	89	substrate and (active near2 layer) and (waveguide) and (absorb near4 active near3 layer) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 09:13

S12	159	(absorb near4 active near3 layer) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 07:25
S13	31	(nitride near3 laser) and detector and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 09:16
S14	34	(gan near3 laser) and detector and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 09:26
S15	254	(gan near3 laser) and photodetector	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 09:27
S16	29	(gan near3 laser) same photodetector	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/07/25 09:27
S17	9	laser and (multi near2 layer near2 reflective near2 film) and "372".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/02/01 12:31
S18	2	((("20020189532") or ("20050042787")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/11/06 13:56
S19	1	("20060256825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:47
S20	8274	(372/43.01-50.23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:48
S21	311	(372/49.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:48
S22	4	laser and (crystal near2 orientation) and S21	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:49
S23	8274	(372/43.01,44.01-50.23).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:49

S24	8274	(372/43.01,44.01-50.23). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/06/03 12:50
-----	------	-----------------------------------	---	----	-----	---------------------

**6/ 3/ 2009 1:16:40 PM****C:\ Documents and Settings\ xniu\ Desktop\ east saves modified 11-13-2007\ 10563811.wsp**